Original/Duplicate/Triplicate

P.W.G. 17 — 1st and final Bill — **CONTRACT CERTIFICATE** — Reference paras 158 & 170

NO

AEE, YSTSD

Division — Project — Sub division — Project Sub Division — CBR No: 44 — Date 21-22

Bills received No — YNK-DBR No..... Date..... — Sub-divisional — Cash book vr No — Date: 28/6/2021

Sheduled Docket No — Divisional — Date

Name of work(as per sanctioned estimate) :- — Head of account

Work Code:004-20-000153

NAME OF WORK :Improvements to roads and drains balance main and cross roads of A sector in war no:04

Name of contractor and full address :- — **Smt C Hema Ganesh (Sri Krishna Constructions), No 13/1, Attur layout, 6th cross, Santhosh Nagara, Yelahanka, Bangalore**

Reference to agreement No :- 83 — Estimated cost : lakhs — **Work order No :83, dt:03/07/2020**

Certified that the measurments were taken by me on 9/06/2021 and recorded on pages 494 to 609 of measurment book No 4947 and the work is satisfactorily executed by the contractor

626

C. Hema Ganesh

Signature of contractor

Rama Sanjeevaiah.

Asst. Engineer

Certified that the measurments were taken by me on 09/06/2021 and recorded correct The work is satisfactorily executed

Certified that the quantities of materials shown in column 3 of account II have been actualy brought to site of work and the contractor has not previously received any advance on this security. These materials are of any imperishable nature and are all required by the contractor for immidiate use on the work in connection with items for which rates finished work have been agreed upon A formal agreement signed and executed by the contractor is recorded in divisional office

Sub-divisional Officer 09/06/2021

II MEMORANDUM OF PAYMENT

1) Total value of work done or supplies as per A/c within		
2) Deduct amount to be held in reserve being----percent Rs----------%--------		
3)		
4) Deduct payments — Balance---	Total-	23.72.051=00
a) Amount of previous payment as in divisional/sub divisional cash book vr No----------dated----------S D No----------Amount adjusted	fine	12550=00
b) Cost of payments/stores or other materials supplied now made recovery of Amount paid on this bill by cheque/cash	CGST	21179=00
	SGST	21179=00
Total	IT	237121=00
5) Balance being unpaid value of work done held in reserve	LC	237121=00
6) Deduct cash of advance made on divisional/sub divisional cash book	CBT	23713=00
7) Net amount due to or from contractor	LR.	254081=00
UN ADJUSTED ITEMS	TD	130131=00
8) Advance to contractor for materials to site(as detailed within)		
9) Value of government materials supplied	CH	2241920=00
TOTAL AMOUNT UN-ADJUSTED		

Contractor's signatures C. Hema Ganesh

Received Rs----------(in words)----------

For use in the Executive Engineer's office----------

of payment as per memorandum

(in final settlement of all demand)

Witness

1)

2)

C. Hema Ganesh

Dated signature of contractor

paid by me cheque No dated

Cash Rs.....

Date Initials of officer making payment

Reciept Stamp

Audited & Admitted for Rs. 23.72.051=00.

Twenty three Lakh Seventy two thousand zero fifty one only.

22.41.920=00 by Cheque

and Rs. 1.30.131=00 by adjusement

Date

Accts Supdt
Yelahanka Division
BBMP

Executive Engineer
Yelahanka Division
BBMP

Sl No	Items grouped under Sub-heads and Sub-works of the estimate	Unit	Previous Measurement		Present Measurement			Total Up to date	
			Qty	Cost	Qty	Rate	Amount	Qty	Cost
1	2	3	4	5	6	7	8	9	10
1	Removing & Refixing stone slabs of drains and pointing in C.M (1:3)	Sqm			499.50 500.50	105.82	52857.09 52963.00	499.50 500.50	52857.09 52963.00
2	KSRRB 300-1,Earth work excavation by manual means in ordinary soil invlving an average horizontal throw up to 2 meters and an average lift uo to 1.5m,excavated surface levelled and sides neatly dressed, the disposed earth to be levelled neatly after breaking of clods complete as per specifications (Item no19.1,Page no141,PWD SR 2016-17)	Cum			178.08 178.08	204.68	36433.04 36449.00	178.08 178.08	36433.04 36449.00
3	Providing and fixing pre cast covering slab 1000 mm thick made out CC 1:1.5:3 and jelly 20mm down size with steel reinceforcement including form work, curing including form cost of materials labour hire charges of Machinary loading unloading laid and lift, transporation etc., complete as per Engineer in charge (Data Rate)	sqm			166.50 166.95	2222.02	369966.33 370966.00 369966.33	166.50 166.95	369966.33 370966.00 369966.33
4	Construction of granular sub-base Grading-V as Sub-base and drainage layer by providing coarse graded crushed stone aggregates of granite/trap/basalt material, mixing in a mechanical mix plant at OMC,Carriage of mixed material to work site, spreading in uniform layers with motor grader on prepared surface and compacting with vibratory power roller to achieve the 98% proctor den s i t y ,	Cum			106.15 106.38	1896.77	201348.13 201778.00	106.15 106.38	201348.13 201778.00
5	KSRRB M400-17 Providing, laying, spreading and compacting cushed stone aggregates of granite / trap / basalt to wet mix macadamspecifications including pre mixing the material with water at OMC in mechanical mix plant carriage of mixed materials by tipper to site, laying in uniform layers with paver in sub-base/base course, on well prepared surface and compacting with vibratory	Cum			141.84 141.84	1902.81	269000.24 269895.00	141.37 141.84	269000.24 269895.00

	Items grouped under Sub-heads and Sub-works of the estimate	Unit	Previous Measurement		Present Measurement			Total Up to date	
			Qty	Cost	Qty	Rate	Amount	Qty	Cost
	KSRRB M500-6. Providing and applying primer coat with S.S. bitumen emulsion on prepared surface of granular base such as WMM including cleaning of road surface and spraying primer at the rate of 0.60 kg / sqm using mechanical means complete as per specifications. Clause 502 of MORTH V revisio	Sqm			706.85 709.20	27.21	19233.38 19297.00	706.85 709.20	19233.38 19297.00
7	KSRRB M500-17. Providing and laying dense graded bituminous macadam using crushed aggregates of specified grading, premixed with VG30 grade bituminous binder and, transporting the hot mix to work site, laying to the required grade, level and alignment, rolling with smooth wheeled, vibratory and tandem rollers to achieve the desired compaction in all respects complete as per specifications.Clause 505 of MORTH V revision	Cum			35.46 35.48	6272.84	222434.90 222560.00	35.46 35.48	222434.90 222560.00
8	KSRRB 500-7. Providing and applying tack coat using 80/100 grade bitumen(VG10) on the prepared black topped surfaces at 2.5 kg per 10 sqm, heating bitumen in boiler fitted with spray set (excluding cleaning of road surface) including cost of all materials, labour, HOM complete as per specifications.Clause 503 of MORTH V revision	Cum			3474.10 3478.70	12.09	42001.86 42057.00	3474.10 3478.70	42001.86 42057.00

Sl. No	Items grouped under Sub-heads and Sub-works of the estimate	Unit	Previous Measurement		Present Measurement			Total Up to date	
			Qty	Cost	Qty	Rate	Amount	Qty	Cost
9	Providing and laying bituminous concrete 40mm thick with hot mix plant, using crushed aggregates of specified grading, premixed with bituminous binder and filler, transporting the hot mix to work site, laying with a paver finisher to the required grade, level and alignment, rolling with smooth wheeled, vibratory and tandem rollers to achieve the desired compaction in all 40-60 TPH capacity HMP with mechanical paver grading II (30-45mm) with 5.4 % of modified bituminus binder consisting of 4.97% of VG-30 bitumen (60/70 grade) and 0.43% of plastomeric thermoplastics (waste plastic)	Cum			104.36	7372.40	769384.00	104.36	769384.00
10	KSRRB M800-13.Road Marking with Hot Applied Thermoplastic Compound with Reflectrising Glass Beads on Bituminous Surface/Concrete Surface: Providing and laying of hot applied thermoplastic compound 2.5 mm thick including reflectorising glass beads at 250 gms per sqm area, thickness of 2.5 mm is exclusive of surface applied glass beads as per IRC:35 standards specified. The finished surface to be level, uniform and free from streaks and holes complete as per specifications. MORTH Specification No. 803	Sqm			146.79 147.75	432.36	63466.00 63881.00	147.75	63466.00 63881.00

	Items grouped under Sub-heads and Sub-works of the estimate	Unit	Previous Measurement		Present Measurement			Total Up to date	
			Qty	Cost	Qty	Rate	Amount	Qty	Cost
1	KSRRB M800-35. Supply and Installtion of Moulded Shank Raised Pavement Markers made of polycarbonate and ABS(Acrylonitrile Butadiene Styrene) moulded body and reflective panels with micro prismatic lens capable of providing total internal reflection of the light entering the lens face and shall support a load of 16000 kg tested in accordance to Specifications of Category A of MORTH Circular No RW/NH/33023/10-97 – DO III Dt 11.06. 1997. The height, width and length shall not exceed 50 mm, 100 mm and 102 mm and with minimum reflective area of 13 Sqcm on each side and the slope to the base shall be 35 degree. The strength of detachment of the integrated cylindrical shanks, (of diameter not less than 19 mm and height not less than 30 mm) from the body is to be a minimum value of 500 Kg. Fixing will be by drilling holes on the road for the shanks to go inside, without nails	Nos			213.00	338.60	72122.00	213.00	72122.00
			TOTAL				2121352.00		2121352.00
			12% GST charges				254562.00		254562.00
			Gran Total				2375914.00		2375914.00

Certified that the contractor has work done satisfactorily.
The contractor has removed the debries from work site.
There is no dept. materials issued to the contractor.

Rameshsanjeevini,
Assistant Engineer
Ward No :04

Assistant Engineer
Yelahanka Satellite Town Sub Division
-BBMP, Bangalore-560064